ULTIMA Grune Fenster 【Green】【Display】

ULTIMA

Features 【Green】【Display】

- Can be used for greening and display anywhere in the indoor space as long as the top and bottom ends can be screwed in place.
- Low-cost proposal is possible due to the small number of components used.

Features 【Green】

- The wire is removable, so it can be easily replaced when plants die or are replaced.

- By using "Spiral Wire Rope Set," a wire specially designed for greening, plants can be easily entangled with the wire and enjoy growth.

- The wire can be freely adjusted in position, so it is possible to increase or decrease the number of plants.

Features【Display】

- The wire is removable, so exhibits can be easily replaced.

- Wires can be freely repositioned to increase or decrease the number of exhibits.
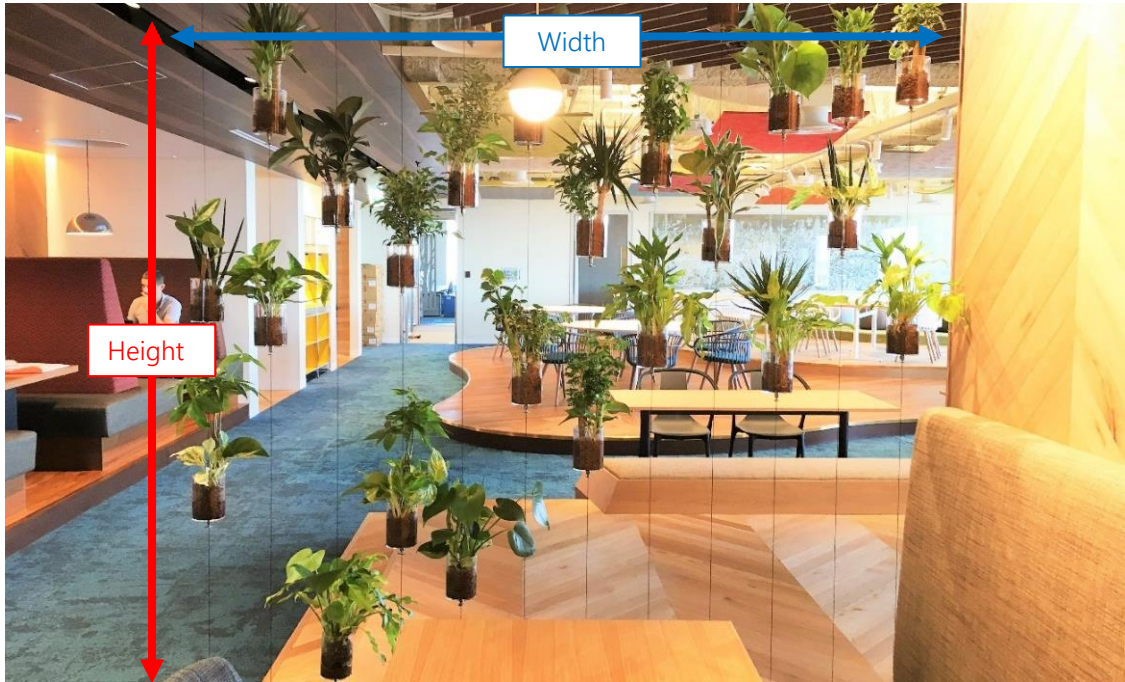
Line Up【Green】【Display】

Common for【Green】【Display】	
Installation site conditions	Can be screwed or drilled at the installation site
Standard dimensions	Width within 2,000mm × Height no limitation ＊If the width is more than 2,000mm, it is possible to increase the number of rails.

Important: Preparation 【Green】【Display】

＊ It is a prerequisite that the installation point (top end bottom end) can be screwed or drilled.

① Measure the height of the installation location!
✓ Measure the ceiling height of the desired installation location using a tape measure.   ✓ Since the ceiling height may vary depending on the location, be sure to measure the ceiling height of the desired installation location.   ✓ Measure the ceiling vertically and straight to the ceiling, and take detailed measurements in millimeters.
② Please give us the wide dimension.
✓ If you need more than 2,000 mm, we can increase the number of rails.
③ Please inform us of the number of wire set to be installed plus the measured height.

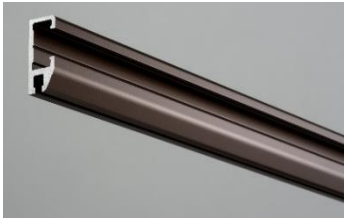# Product Specifications【Green】

Spiral Wire Rope Set【Indoor】

	SWS-10【Indoor】	SWS-15【Indoor】	SWS-20【Indoor】	SWS-25【Indoor】	SWS-30【Indoor】	SWS-35【Indoor】
Size (Applicable dimensions)	L=1,000mm	L=1,001mm 〜 L=1,500mm	L=1,501mm 〜 L=2,000mm	L=2,001mm 〜 L=2,500mm	L=2,501mm 〜 L=3,000mm	L=3,001mm 〜 L=3,500mm
Material	Wire rope：stainless 304 (7×7、12 Nylon resin coating)、　Metal：stainless、　Grip：brass					
Included	Spring hook with gripper					
Note	Wire rope size：φ6 (core wire：φ2.4)					

＊Delivery dimensions are ＋200mm of the height dimension.
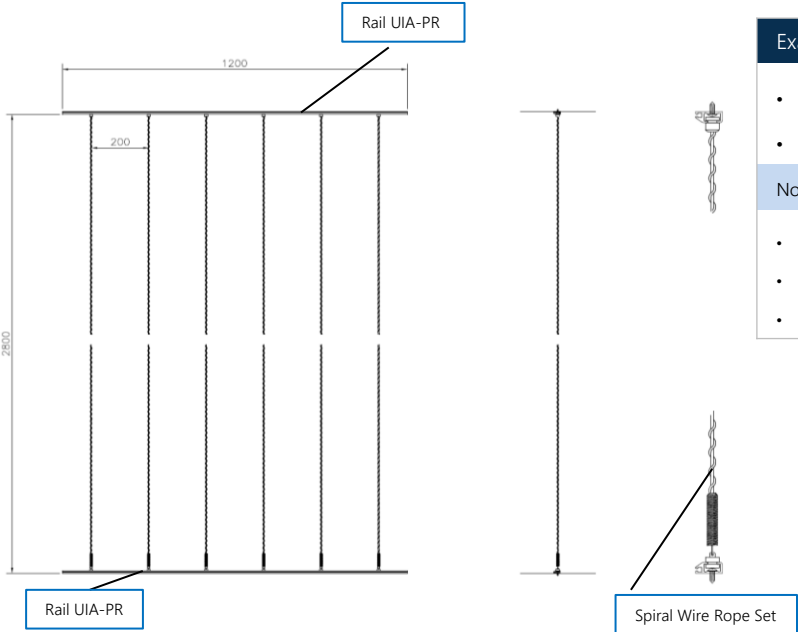
＊Example: L=2,400mm (height dimension) ⇒ L=2,600mm (delivery dimension) ⇒ Spiral Wire Rope Set L=3,000

rail UIA-PR S	rail UIA-PR B	End caps (both ends)

Color	Silver	Bronze	Black
Material	Aluminum extrusion molding		natural rubber
Size	L=900mm×2sets × D10mm × H23mm		-

Example of reference

Rail UIA-PR

1200

200

2800

Rail UIA-PR

Spiral Wire Rope Set

Example：W1,200 × H2,800　＊wire rope spacing@200

- Spiral Wire Rope Set L=3,000：6 sets
- Rail UIA-PR (L=900×2)：2 sets

Note

- The rail will be a fixed length L=900, but it can also be cut on site.
- The screw pitch for rail mounting is 3 places for L=900.
- The pitch of the wire set is optional.

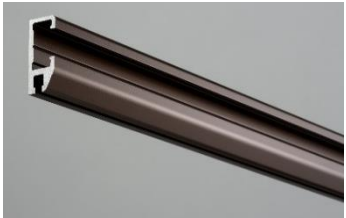# Product Specifications 【Display】

Display Wire Rope Set

	DWS-10	DWS-15	DWS-20	DWS-25	DWS-30	DWS-35
Size (Applicable dimensions)	L=1,000mm	L=1,001mm ∼ L=1,500mm	L=1,501mm ∼ L=2,000mm	L=2,001mm ∼ L=2,500mm	L=2,501mm ∼ L=3,000mm	L=3,001mm ∼ L=3,500mm
Material	Wire rope：stainless 304、　Metal：stainless、　Grip：brass					
Included	Spring hook with gripper					
Note	Wire rope size：φ1.5					

＊Delivery dimensions are ＋200mm of the height dimension.

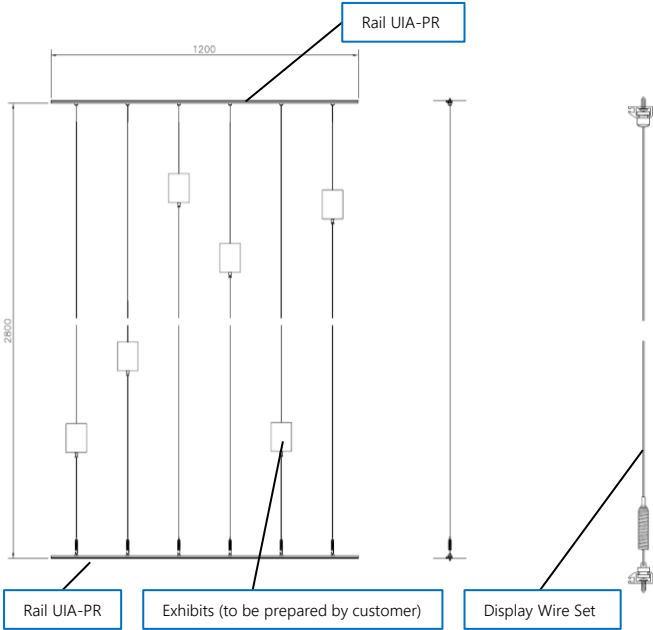＊Example: L=2,400mm (height dimension) ⇒ L=2,600mm (delivery dimension) ⇒ Display Wire Rope Set L=3,000

rail UIA-PR S	rail UIA-PR B	End caps (both ends)

Color	Silver	Bronze	Black
Material	Aluminum extrusion molding		natural rubber
Size	L=900mm×2sets × D10mm × H23mm		-

Example of reference

Rail UIA-PR

1200

2800

Rail UIA-PR   Exhibits (to be prepared by customer)   Display Wire Set

Example：W1,200 × H2,800　＊wire rope spacing@200

- Display Wire Rope Set L=3,000：6 sets
- Rail UIA-PR (L=900×2)：2 sets

Note

- The rail will be a fixed length L=900, but it can also be cut on site.
- The screw pitch for rail mounting is 3 places for L=900.
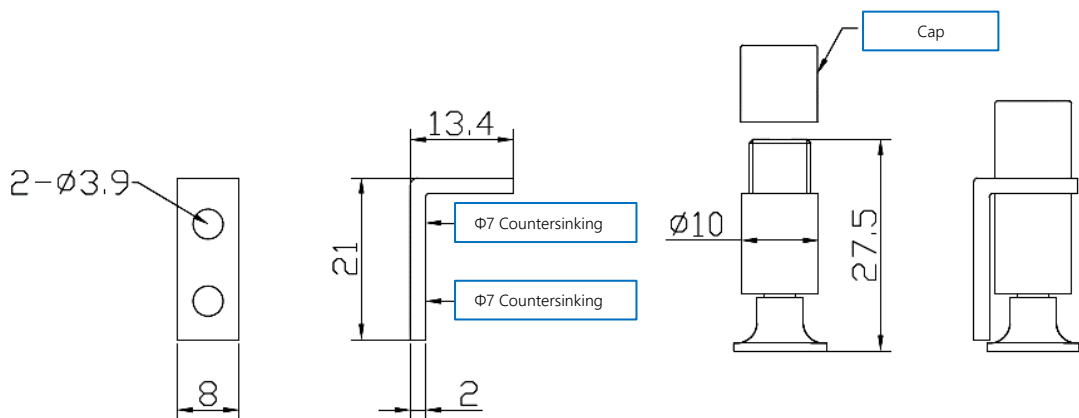- The pitch of the wire set is optional.

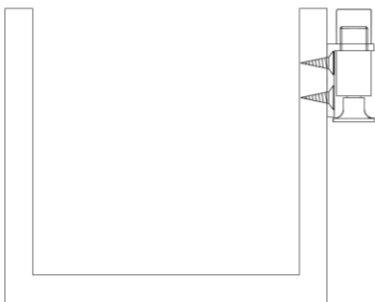# Product Specifications 【Display】
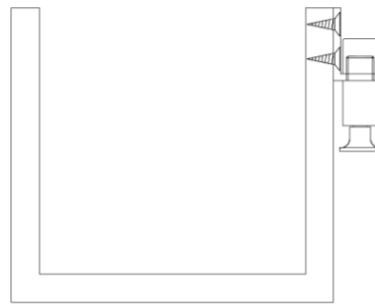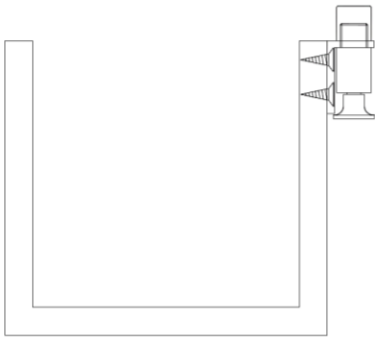
	Grips for exhibits

Material	Metal：stainless、　Grip：brass
Included	Gripper and cap
Note	Applicable wire diameter: φ1.5

＊At least one grip for the exhibit must be installed by drilling holes on both ends of the exhibit to be hung..

Product Drawing

2-Ø3.9　13.4　21　8　2　Φ7 Countersinking　Φ7 Countersinking　Ø10　27.5　Cap

Example【Grip】

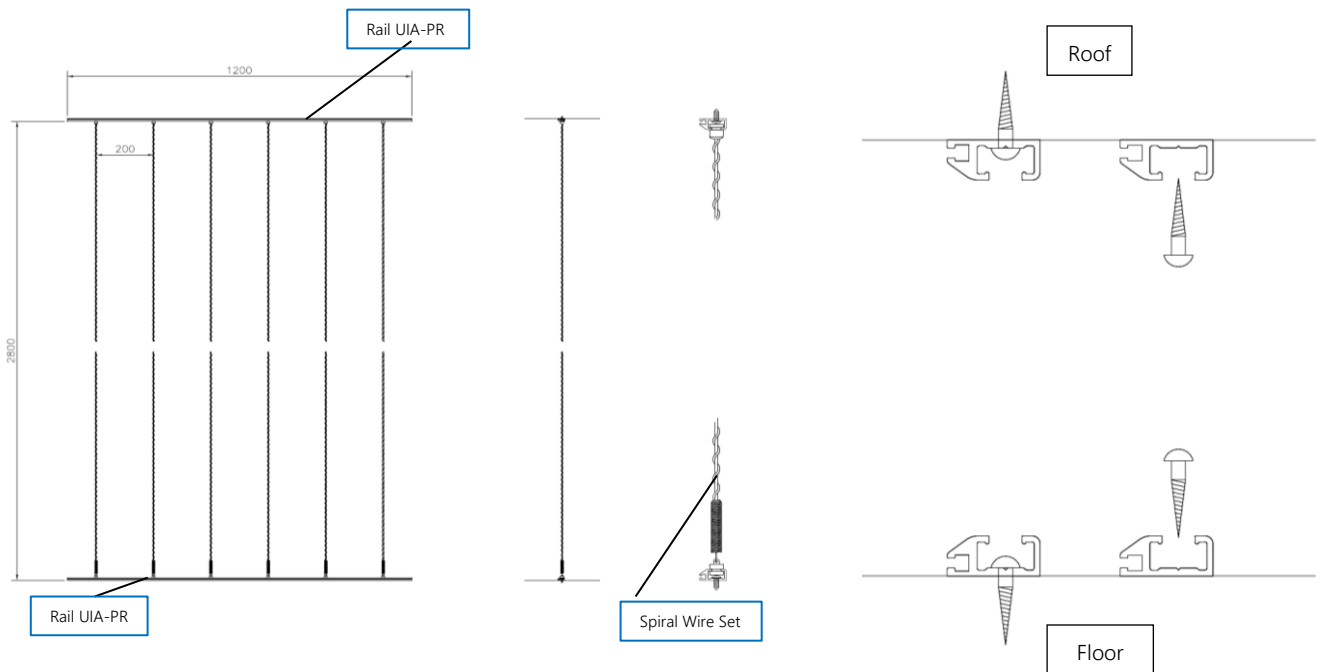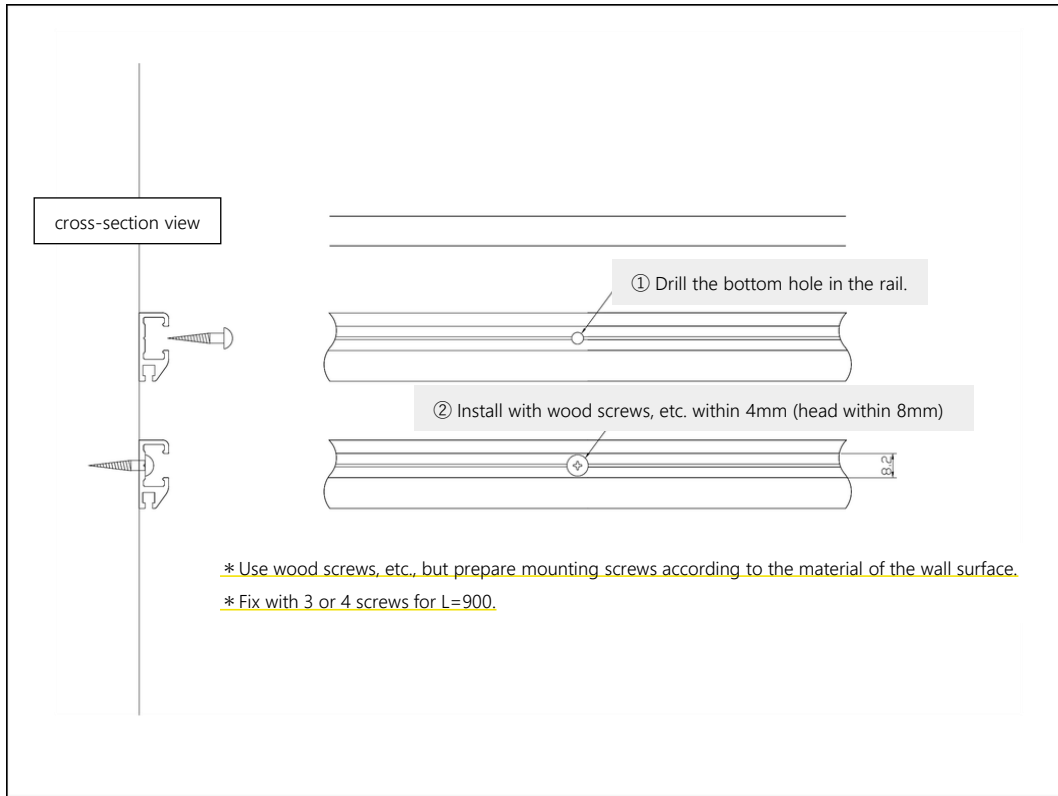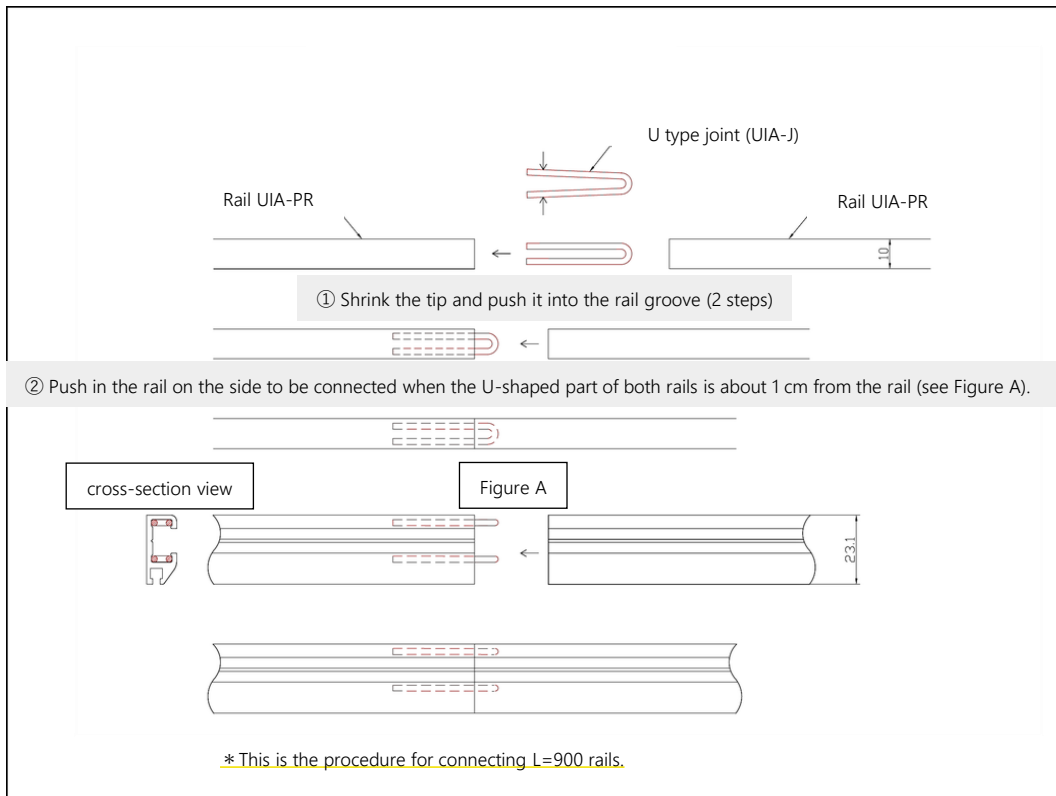＊At least one grip for the exhibit must be installed by drilling holes on both ends of the exhibit to be hung..

＊Drill holes in the exhibit and attach the grips. Screws are not included because the thickness and material of the exhibits are unknown.

Work Instruction (rail)

cross-section view

① Drill the bottom hole in the rail.

② Install with wood screws, etc. within 4mm (head within 8mm)

8.2

＊Use wood screws, etc., but prepare mounting screws according to the material of the wall surface.
＊Fix with 3 or 4 screws for L=900.

Rail UIA-PR

1200

200

2800

Rail UIA-PR

Spiral Wire Set

Roof

Floor

Work Instruction (rail joint)

U type joint (UIA-J)

Rail UIA-PR

Rail UIA-PR

① Shrink the tip and push it into the rail groove (2 steps)

② Push in the rail on the side to be connected when the U-shaped part of both rails is about 1 cm from the rail (see Figure A).
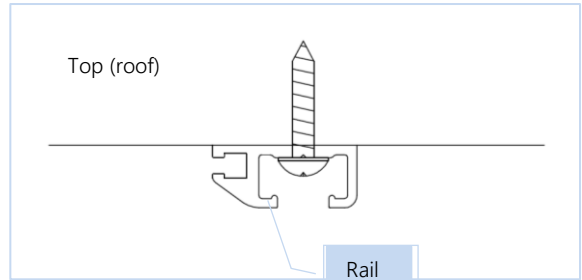
cross-section view

Figure A

＊This is the procedure for connecting L=900 rails.

Attention

- Rail mounting screws are not included because the substrate is different. Please select screws that match the wall material.

   Recommended: ø3.5 to ø4.0, length 30 mm or more

- Since the substrate position is different, we do not drill holes in the rails. Please check the substrate position before drilling.

   Recommendation: Drill holes of 4.5mm to 5.0mm with an electric drill, etc.

- Screws for rail installation are usually recommended to be set @450mm for L=900.

- When installing the rail, check the location of the substrate and be sure to install the rail in a location where the screws are secure.

- Please note that the strength of the screws will affect the safety strength of the rail.

- Special metal fittings may be required depending on the mounting location.

- Do not apply paint or oil to the grips or wires.

- Mounting method varies depending on the roof material.

- We assume no responsibility for any damage or accident caused by incorrect installation.

Work Instruction【Green】

screw the rail

Top (roof)

Rail

Decide where to install the rail, check the position of the base, and secure it in a place where the screws work.
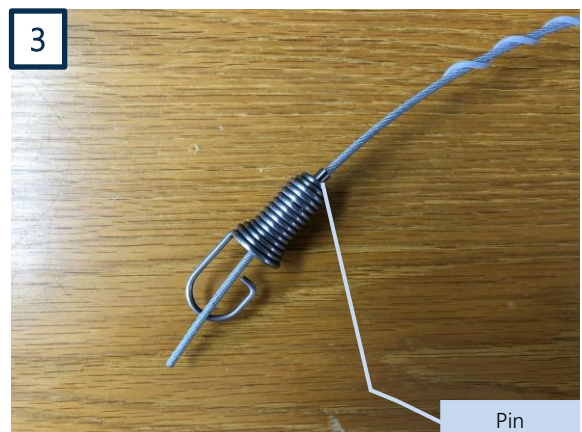
Install the upper and lower ends in the same way.

＊Screws are not included as the types of screws used vary depending on the material and structure of the substrate where the product is to be installed.

Please prepare a commercially available product that conforms to the structure of the mounting location.

Attach the wire attachment from the slit at the end of the rail.

＊The photo shows the display wire

Pin

Insert the wire into the pin at the tip of the spring

Insert the spring + attachment side of the wire from the end (hole) of the bottom rail, and pull the wire to the proper tension

The wire is locked at the point where it is pulled, and the excess wire can be cut or placed inside the rail.

The length of the wire can be adjusted by pushing the pin at the tip of the spring part while lifting the spring part upward. Since the wire has a lot of tension, repeat it many times
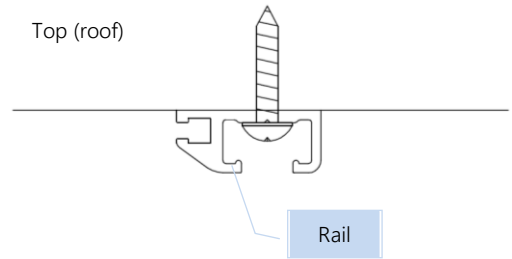
5

Attach a cap to the end of the rail to prevent the wire from falling off.
＊The photo shows the display wire

Completion by attracting plants

Work Instruction 【Display】

1

screw the rail

Top (roof)

Rail

Decide where to install the rail, check the position of the base, and secure it in a place where the screws work.

Install the upper and lower ends in the same way.

＊Screws are not included as the types of screws used vary depending on the material and structure of the substrate where the product is to be installed.
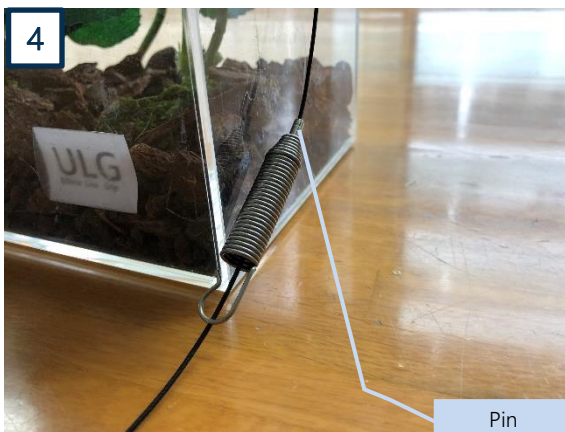
Please prepare a commercially available product that conforms to the structure of the mounting location.

2

Attach the wire attachment from the slit at the end of the rail.

3

Grip

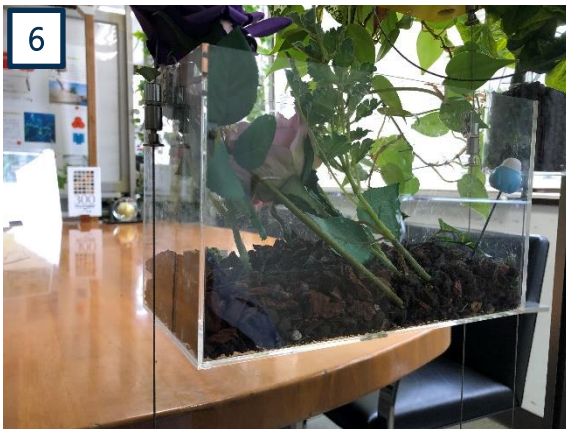Insert the wire into the grip

4

Pin

Insert the wire into the pin at the tip of the spring

Insert the spring + attachment side of the wire from the end (hole) of the bottom rail, and do not push the tip pin, but pull the wire until it has an appropriate tension while lifting only the spring part. The wire is locked at the point where it is pulled, and the excess wire can be cut or placed inside the rail. The length of the wire can be adjusted by pushing the pin at the tip of the spring part while lifting the spring part upward. Since the wire has a lot of tension, repeat it many times

To move upward, push up the exhibit with the grip attached.
It locks at the released position.

To move downward, pull down the part attached to the side of the exhibit with the grip attached.
It locks at the released position.

Attach a cap to the end of the rail to prevent the wire from falling off.

Complete

ULG ULTIMA Co.,Ltd.

Ultima Line Grip